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PROTEIN WITH CELL PROLIFERATION AND CELL DIVISION MODULATING ACTIVITY AND DNA ENCODING SUCH PROTEIN Coccarcing in B1 in B2 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B2 in B4 in B5 Coccarcing in B1 in B2 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in B5 Coccarcing in B1 in B2 in B4 in			
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— 57		_	57
- - 45		_	_ 45
kDa			kDa
Input		Pull down	

(57) Abstract

A DNA sequence according to the invention contains (a) a sequence as shown in SEQ ID NO.1 or 2; (b) a sequence which encodes the same protein as (a) but is degenerated as a result of the genetic code, (c) a sequence hybridizing under stringent conditions to the sequences of (a) and/or (b), (d) a genomic sequence containing the sequence of (a, b or c) and further containing one or more introns; or (e) a sequence which differs from (a, b, c or d) due to its origin from a different species. A protein according to the invention is encoded by such DNA sequence and can be used for inducing oocyte maturation and/or modulating cell division and/or differentiation and/or proliferation, in a pharmaceutical composition or as diagnostic agent.